

Methods Quick Reference Guide

The tables on the following 4 pages list test ranges, methods of analysis, and corresponding reagent set Product Numbers. The complete procedure for each test is included in the manual or CD supplied with the instrument. The ranges given are for the pre-calibrated instrument readout; higher ranges can be analyzed by sample dilution. Parameters marked "EPA" are EPA-approved, accepted, or equivalent for reporting purposes; sample pretreatment may be required on some procedures. If no reagent set is listed for a parameter, order needed reagents and supplies separately.

Test	EPA Method	Number	DR 5000 Range	DR 5000 DR 3900 & DR 2800 DR 2700 DR 1890 DR 850 PC II Colorimeter						Prod. No.
Alachlor in Water	Immunoassay	10202	0.1 - 0.5 ppb, threshold	*	*	*	*	*	*	2813000
Alkalinity, Total (TNTplus)	Colorimetric	10239	25 - 400 mg/L	*	*					TNT870
Aluminum	Aluminon	8012	0.008 - 0.800 mg/L	*	*	*	*	*	*	2242000
Aluminum	Eriochrome Cyanine R	8326	0.002 - 0.250 mg/L	*	*	*				2603700
Aluminum (TNTplus)	Chromazurol S	10215	0.02 - 0.50 mg/L	*	*					TNT848
Ammonia, Nitrogen	Salicylate	8155	0.01 - 0.50 mg/L	*	*	*	*	*	*	2668000
Ammonia, Nitrogen (TNTplus), ULR	Salicylate	10205	0.015 - 2.000 mg/L	*	*					TNT830
Ammonia, Nitrogen	Nessler	8038	0.02 - 2.50 mg/L	*	*	*				2458200
Ammonia, Nitrogen (Test 'N Tube), LR	Salicylate	10023	0.02 - 2.50 mg/L	*	*	*	*	*	*	2604545
Ammonia, Nitrogen (TNTplus), LR	Salicylate	10205	1 - 12 mg/L	*	*					TNT831
Ammonia, Nitrogen (Test 'N Tube), HR	Salicylate	10031	0.4 - 50.0 mg/L	*	*	*	*	*	*	2606945
Ammonia, Nitrogen (TNTplus), HR	Salicylate	10205	2 - 47 mg/L	*	*					TNT832
Ammonia, Free, Nitrogen	Indophenol	10200	0.01 - 0.50 mg/L	*	*	*	*	*	*	2879700
Arsenic	Silver Diethyldithiocarbamate	8013	0.020 - 0.200 mg/L	*	*	*				—
Atrazine	Immunoassay	10050	0.5 - 3.0 ppb, threshold	*	*	*			*	2762700
Barium	Turbidimetric	8014	2 - 100 mg/L	*	*	*				1206499
Benzotriazole	UV Photolysis	8079	1.0 - 16.0 mg/L	*	*	*	*			2141299
Boron	Carmine	8015	0.2 - 14.0 mg/L	*	*	*				—
Bromine	DPD	8016	0.05 - 4.50 mg/L	*	*	*	*	*	*	2105669
Bromine (AccuVac)	DPD	8016	0.05 - 4.50 mg/L	*	*	*	*	*	*	2503025
Cadmium	Dithizone	8017	0.7 - 80.0 µg/L	*	*	*				2242200
Cadmium (TNTplus) ¹	Cadion	10217	0.02 - 0.30 mg/L	*	*					TNT852
Carbohydrazide	Iron Reduction	8140	5 - 600 µg/L	*	*	*	*			2446600
Chloramine, Mono, LR	Indophenol	10171 10200	0.04 - 4.50 mg/L	*	*	*	*	*	*	2802246
Chloramine, Mono (Test 'N Tube), HR	Indophenol	10172	0.1 - 10.0 mg/L	*	*	*				2805145
Chloride	Mercuric Thiocyanate	8113	0.1 - 25.0 mg/L	*	*	*				2319800
Chlorine, Free	Indophenol	10241	0.04 - 4.50 mg/L	*	*	*	*	*	*	—
Chlorine, Free	DPD	8021	0.02 - 2.00 mg/L	*	*	*	*	*	*	2105569
Chlorine, Free (AccuVac)	DPD	8021	0.02 - 2.00 mg/L	*	*	*	*	*	*	2502025
Chlorine, Free (Pour-Thru Cell)	DPD Rapid Liquid	10059	0.02 - 2.00 mg/L	*	*	*				2556900
Chlorine, Free (TNTplus)	DPD	10231	0.05 - 2.00 mg/L	*	*					TNT866
Chlorine, Free (Test 'N Tube)	DPD	10102	0.09 - 5.00 mg/L	*	*	*	*	*	*	2105545
Chlorine, Free, MR	DPD	10245	0.05 - 4.00 mg/L	*	*	*	*	*	*	1407099
Chlorine, Free, HR	DPD	10069	0.1 - 10.0 mg/L	*	*	*	*	*	*	1407099
Chlorine, Free & Total (TNTplus)	DPD	10232	0.05 - 2.00 mg/L	*	*					TNT866T
Chlorine, Total (Pour-Thru Cell), ULR	DPD	8370 10014	2 - 500 µg/L	*	*	*				2563000
Chlorine, Total	DPD	8167	0.02 - 2.00 mg/L	*	*	*	*	*	*	2105669
Chlorine, Total (AccuVac)	DPD	8167	0.02 - 2.00 mg/L	*	*	*	*	*	*	2503025
Chlorine, Total (Pour-Thru Cell)	DPD Rapid Liquid	10060	0.02 - 2.00 mg/L	*	*	*				2557000
Chlorine, Total (Test 'N Tube)	DPD	10101	0.09 - 5.00 mg/L	*	*	*	*	*	*	2105645
Chlorine, Total, MR	DPD	10250	0.05 - 4.00 mg/L	*	*	*	*	*	*	1406499
Chlorine, Total, HR	DPD	10070	0.1 - 10.0 mg/L	*	*	*	*	*	*	1406499
Chlorine Demand/Requirement	DPD	10223	Multiple Ranges	*	*	*	*	*	*	—
Chlorine Dioxide, DPD	DPD/Glycine	10126	0.04 - 5.00 mg/L	*	*	*	*	*	*	2770900
Chlorine Dioxide, DPD (AccuVac)	DPD/Glycine	10126	0.04 - 5.00 mg/L	*	*	*	*	*	*	2771000
Chlorine Dioxide (Europe Only)	Amaranth		20 - 500 µg/L	*	*	*				—
Chlorine Dioxide, LR	Chlorophenol Red	8065	0.01 - 1.00 mg/L	*	*	*				2242300
Chlorine Dioxide, MR	Direct Reading	8345	1 - 50 mg/L	*	*	*	*			—
Chlorine Dioxide, HR	Direct Reading	8138	5 - 1000 mg/L	*	*	*				—

¹As listed, test determines soluble metal. Order Metals Prep Set TNT890 to determine total metal.

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Test	EPA Method	Number	DR 5000 Range	DR 5000	DR 3900 & DR 2800	DR 2700	DR 1890	DR 850	DR 820	PC II Colorimeter	Prod. No.
Chromium, Hexavalent	• 1,5 Diphenylcarbohydrazide	8023	0.010 - 0.700 mg/L	•	•	•	•	•	•	•	1271099
Chromium, Hexavalent (AccuVac)	• 1,5 Diphenylcarbohydrazide	8023	0.010 - 0.700 mg/L	•	•	•	•	•	•	•	2505025
Chromium, Hexavalent and Total (TNTplus)	• ¹ 1,5 Diphenylcarbohydrazide	10218 10219	0.03 - 1.00 mg/L	•	•	•	•	•	•	•	TNT854
Chromium, Total	Alkaline Hypobromite Oxidation	8024	0.01 - 0.70 mg/L	•	•	•	•	•	•	•	2242500
Cobalt	PAN	8078	0.01 - 2.00 mg/L	•	•	•	•	•	•	•	2651600
COD, ULR	Dichromate	8000	0.7 - 40.0 mg/L	•	•	•	•	•	•	•	2415825
COD, LR	• Dichromate	8000	3 - 150 mg/L	•	•	•	•	•	•	•	2125825
COD, HR	• Dichromate	8000	20 - 1,500 mg/L	•	•	•	•	•	•	•	2125925
COD, HR+	Dichromate	8000	200 - 15,000 mg/L	•	•	•	•	•	•	•	2415925
COD	Manganese III	10067	30 - 1000 mg/L	•	•	•	•	•	•	•	2623425
COD, Mercury-Free (TNTplus), HR	Dichromate	10236	25 - 100 mg/L	•	•	•	•	•	•	•	TNT825
COD (TNTplus), ULR	Dichromate	10211	1 - 60 mg/L	•	•	•	•	•	•	•	TNT820
COD (TNTplus), LR	• Dichromate	8000	3 - 150 mg/L	•	•	•	•	•	•	•	TNT821
COD (TNTplus), HR	• Dichromate	8000	20 - 1500 mg/L	•	•	•	•	•	•	•	TNT822
COD (TNTplus), UHR	Dichromate	10212	250 - 15,000 mg/L	•	•	•	•	•	•	•	TNT823
Color	ADMI Weighted Ordinate	10048	3 - 250 units	•	•	•	•	•	•	•	—
Color, True and Apparent	Platinum-Cobalt	8025	15 - 500 units	•	•	•	•	•	•	•	—
Color, True and Apparent, LR	Platinum-Cobalt	8025	3 - 200 units	•	•	•	•	•	•	•	—
Copper, LR	Porphyrin	8143	1 - 210 µg/L	•	•	•	•	•	•	•	2603300
Copper	• Bicinchoninate	8506	0.04 - 5.00 mg/L	•	•	•	•	•	•	•	2105869
Copper (AccuVac)	Bicinchoninate	8026	0.04 - 5.00 mg/L	•	•	•	•	•	•	•	2504025
Copper (TNTplus) ²	Bathocuproine	10238	0.1 - 8.0 mg/L	•	•	•	•	•	•	•	TNT860
Cyanide	Pyridine-Pyrazalone	8027	0.002 - 0.240 mg/L	•	•	•	•	•	•	•	2430200
Cyanuric Acid	Turbidimetric	8139	5 - 50 mg/L	•	•	•	•	•	•	•	246066
DEHA (Diethylhydroxylamine)	Iron Reduction	8140	3 - 450 µg/L	•	•	•	•	•	•	•	2446600
Detergents (Surfactants)	Crystal Violet	8028	0.002 - 0.275 mg/L	•	•	•	•	•	•	•	2446800
Dissolved Oxygen (AccuVac), LR	Indigo Carmine	8316	6 - 800 µg/L	•	•	•	•	•	•	•	2501025
Dissolved Oxygen (AccuVac), HR	HRDO	8166	0.3 - 15.0 mg/L	•	•	•	•	•	•	•	2515025
Dissolved Oxygen (AccuVac), UHR	Ultra High Range	8333	1.0 - 40.0 mg/L	•	•	•	•	•	•	•	2515025
Erythorbic Acid (Isoascorbic Acid)	Iron Reduction	8140	13 - 1500 µg/L	•	•	•	•	•	•	•	2446600
Fluoride, Arsenic Free	• ^{3,4} SPADNS 2	10225	0.02 - 2.00 mg/L	•	•	•	•	•	•	•	2947549
Fluoride, Arsenic Free (AccuVac)	• ^{3,4} SPADNS 2	10225	0.02 - 2.00 mg/L	•	•	•	•	•	•	•	2527025
Fluoride	• ⁴ SPADNS	8029	0.02 - 2.00 mg/L	•	•	•	•	•	•	•	44449
Fluoride (AccuVac)	• ⁴ SPADNS	8029	0.02 - 2.00 mg/L	•	•	•	•	•	•	•	2506025
Formaldehyde	MBTH	8110	3 - 500 µg/L	•	•	•	•	•	•	•	2257700
Hardness, Total, ULR	Chlorophosphonazo Colorimetric	8374	8 - 1000 µg/L	•	•	•	•	•	•	•	2603100
Hardness, Total, ULR (Pour-Thru Cell)	Chlorophosphonazo Rapid Liquid	8374	4 - 1000 µg/L	•	•	•	•	•	•	•	—
Hardness, Ca & Mg	Calmagite Colorimetric	8030	0.05 - 4.00 mg/L	•	•	•	•	•	•	•	2319900
Hydrazine	p-Dimethylaminobenzaldehyde	8141	4 - 600 µg/L	•	•	•	•	•	•	•	179032
Hydrazine (AccuVac)	p-Dimethylaminobenzaldehyde	8141	4 - 600 µg/L	•	•	•	•	•	•	•	2524025
Hydroquinone	Iron Reduction	8140	9 - 1000 µg/L	•	•	•	•	•	•	•	2446600
Iodine DPD	DPD	8031	0.07 - 7.00 mg/L	•	•	•	•	•	•	•	2105669
Iodine DPD (AccuVac)	DPD	8031	0.07 - 7.00 mg/L	•	•	•	•	•	•	•	2503025
Iron (TNTplus) ²	• Phenanthroline	10229	0.2 - 6.0 mg/L	•	•	•	•	•	•	•	TNT858
Iron	FerroZine	8147	0.009 - 1.400 mg/L	•	•	•	•	•	•	•	230166
Iron (Pour-Thru Cell)	FerroZine Rapid Liquid	8147	0.009 - 1.400 mg/L	•	•	•	•	•	•	•	230149
Iron, Ferrous	1, 10 Phenanthroline	8146	0.02 - 3.00 mg/L	•	•	•	•	•	•	•	103769
Iron, Ferrous (AccuVac)	1, 10 Phenanthroline	8146	0.02 - 3.00 mg/L	•	•	•	•	•	•	•	2514025
Iron, Total	FerroMo	8365	0.01 - 1.80 mg/L	•	•	•	•	•	•	•	2544800
Iron, Total	TPTZ	8112	0.012 - 1.800 mg/L	•	•	•	•	•	•	•	2608799
Iron, Total (AccuVac)	TPTZ	8112	0.012 - 1.800 mg/L	•	•	•	•	•	•	•	2510025
Iron, Total	• FerroVer	8008	0.02 - 3.00 mg/L	•	•	•	•	•	•	•	2105769

¹EPA approved for Cr⁶⁺ only. ²As listed, test determines soluble metal. Order Metals Prep Set TNT890 to determine total metal.

³Per 40 CFR 136.6 Method Modification and Flexibility. ⁴Not EPA accepted for drinking water using DR/800 Series colorimeters.

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Test	EPA Method	Number	DR 5000 Range	DR 5000	DR 3900 & DR 2800	DR 2700	DR 1890	DR 850	DR 620	PC II Colorimeter	Prod. No.
Iron, Total (AccuVac)	• FerroVer	8008	0.02 - 3.00 mg/L	•	•	•	•	•	•	•	2507025
Isoascorbic Acid (Erythorbic Acid) (ISA)	• Iron Reduction	8140	13 - 1500 µg/L	•	•	•	•	•	•	•	2446600
Lead	• LeadTrak Fast Column Extraction 8317	8317	5 - 150 µg/L	•	•	•	•	•	•	•	2375000
Lead	• Dithizone	8033	3 - 300 µg/L	•	•	•	•	•	•	•	2243100
Lead (TNTplus)*	• PAR	10216	0.1 - 2.0 mg/L	•	•	•	•	•	•	•	TNT850
Manganese, LR	• PAN	8149	0.006 - 0.700 mg/L	•	•	•	•	•	•	•	2651700
Manganese, HR	• Periodate Oxidation	8034	0.1 - 20.0 mg/L	•	•	•	•	•	•	•	2430000
Mercury	• Cold Vapor Mercury Concentration	10065	0.1 - 2.5 µg/L	•	•	•	•	•	•	•	2658300
Methylethylketoxime (MEKO)	• Iron Reduction	8140	15 - 1000 µg/L	•	•	•	•	•	•	•	2446600
Molybdenum, Molybdate, LR	• Ternary Complex	8169	0.02 - 3.00 mg/L	•	•	•	•	•	•	•	2449400
Molybdenum, Molybdate, HR	• Mercaptoacetic Acid	8036	0.2 - 40.0 mg/L	•	•	•	•	•	•	•	2604100
Molybdenum, Molybdate (AccuVac), HR	• Mercaptoacetic Acid	8036	0.2 - 40.0 mg/L	•	•	•	•	•	•	•	—
Nickel	• PAN	8150	0.006 - 1.000 mg/L	•	•	•	3	•	•	•	2651600
Nickel	• Heptoxime	8037	0.02 - 1.80 mg/L	•	•	•	•	•	•	•	2243500
Nickel (TNTplus)†	• Dimethylglyoxime	10220	0.1 - 6.0 mg/L	•	•	•	•	•	•	•	TNT856
Nitrate, Nitrogen, LR	• Cadmium Reduction	8192	0.01 - 0.50 mg/L	•	•	•	•	•	•	•	2429800
Nitrate, Nitrogen (TNTplus), LR	• Dimethylphenol	10206	0.23 - 13.5 mg/L	•	•	•	•	•	•	•	TNT835
Nitrate, Nitrogen, MR	• Cadmium Reduction	8171	0.1 - 10.0 mg/L	•	•	•	•	•	•	•	2106169
Nitrate, Nitrogen (AccuVac), MR	• Cadmium Reduction	8171	0.1 - 10.0 mg/L	•	•	•	•	•	•	•	2511025
Nitrate, Nitrogen	• UV Screening	10049	0.1 - 10.0 mg/L	•	•	•	•	•	•	•	—
Nitrate, Nitrogen (Test 'N Tube), HR	• Chromotropic Acid	10020	0.2 - 30.0 mg/L	•	•	•	•	•	•	•	2605345
Nitrate, Nitrogen, HR	• Cadmium Reduction	8039	0.3 - 30.0 mg/L	•	•	•	•	•	•	•	2106169
Nitrate, Nitrogen (AccuVac), HR	• Cadmium Reduction	8039	0.3 - 30.0 mg/L	•	•	•	•	•	•	•	2511025
Nitrate, Nitrogen (TNTplus), HR	• Dimethylphenol	10206	5 - 35 mg/L	•	•	•	•	•	•	•	TNT836
Nitrite, Nitrogen, LR	• Diazotization	8507	0.002 - 0.300 mg/L	•	•	•	•	•	•	•	2107169
Nitrite, Nitrogen (AccuVac), LR	• Diazotization	8507	0.002 - 0.300 mg/L	•	•	•	•	•	•	•	2512025
Nitrite, Nitrogen (Test 'N Tube), LR	• Diazotization	10019	0.003 - 0.500 mg/L	•	•	•	•	•	•	•	2608345
Nitrite, Nitrogen (TNTplus), LR	• Diazotization	10207	0.015 - 0.600 mg/L	•	•	•	•	•	•	•	TNT839
Nitrite, Nitrogen (TNTplus), HR	• Diazotization	10237	0.6 - 6.0 mg/L	•	•	•	•	•	•	•	TNT840
Nitrite, Nitrogen, HR	• Ferrous Sulfate	8153	2 - 250 mg/L	•	•	•	•	•	•	•	2107569
Nitrogen, Ammonia (see Ammonia, Nitrogen)											
Nitrogen, Total (Test 'N Tube), LR	• Persulfate Digestion	10071	0.5 - 25.0 mg/L	•	•	•	•	•	•	•	2672245
Nitrogen, Total (TNTplus), LR	• Persulfate Digestion	10208	1 - 16 mg/L	•	•	•	•	•	•	•	TNT826
Nitrogen, Total (TNTplus), HR	• Persulfate Digestion	10208	5 - 40 mg/L	•	•	•	•	•	•	•	TNT827
Nitrogen, Total (Test 'N Tube), HR	• Persulfate Digestion	10072	2 - 150 mg/L	•	•	•	•	•	•	•	2714100
Nitrogen, Total (TNTplus), UHR	• Persulfate Digestion	10208	20 - 100 mg/L	•	•	•	•	•	•	•	TNT828
Nitrogen, Total Inorganic (TIN) (Test 'N Tube)	• Titanium Trichloride Reduction	10021	0.2 - 25.0 mg/L	•	•	•	•	•	•	•	2604945
Nitrogen, Simplified TKN (TNTplus)	• s-TKN	10242	0 - 16 mg/L	•	•	•	•	•	•	•	TNT880
Nitrogen, Total Kjeldahl (TKN)	• Nessler	8075	1 - 150 mg/L	•	•	•	•	•	•	•	2495300
Organic Carbon, Total (See TOC)											—
Organic Constituents, UV-Absorbing (UV-254)	• Direct Reading	10054	Varies-Units Abs/cm	•	•	•	•	•	•	•	—
Oxygen Demand, Chemical (See COD)											—
Oxygen, Dissolved (See Dissolved Oxygen)											—
Oxygen Scavengers (See specific compounds)											—
Ozone (AccuVac), LR	• Indigo	8311	0.01 - 0.25 mg/L	•	•	•	•	•	•	•	2516025
Ozone (AccuVac), MR	• Indigo	8311	0.01 - 0.75 mg/L	•	•	•	•	•	•	•	2517025
Ozone (AccuVac), HR	• Indigo	8311	0.01 - 1.50 mg/L	•	•	•	•	•	•	•	2518025
PCB (Polychlorinated Biphenyls) in Soil²	• Immunoassay	10050	1 - 50 ppm, threshold	•	•	•	•	•	•	•	2773500
pH	• Colorimetric Phenol Red	10076	6.5 - 8.5 units	•	•	•	•	•	•	•	2657512
Phenols	• 4-Aminoantipyrine	8047	0.002 - 0.200 mg/L	•	•	•	•	•	•	•	2243900

†As listed, test determines soluble metal. Order Metals Prep Set TNT890 to determine total metal. ‡Requires Soil Extraction Kit. Please order Prod. No. 2775100. (Included with Pocket Colorimeter II). ³Nickel PAN method reagent set for DR/890 is Prod. No. 2242600

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Test	EPA Method	Number	DR 5000 Range	DR 5000 DR 3900 & DR 2800 DR 2700 DR 1890 DR 850 DR 820 PC II Colorimeter						Prod. No.
Phosphonates	Persulfate UV Oxidation	8007	0.02 - 125.0 mg/L	*	*	*	*	*	*	2429700
Phosphorus, Reactive	• PhosVer 3	8048	0.02 - 2.50 mg/L	*	*	*	*	*	*	2106069
Phosphorus, Reactive (AccuVac)	• PhosVer 3	8048	0.02 - 2.50 mg/L	*	*	*	*	*	*	2508025
Phosphorus, Reactive (Test 'N Tube)	• PhosVer 3	8048	0.06 - 5.00 mg/L	*	*	*	*	*	*	2742545
Phosphorus, Reactive	Amino Acid	8178	0.23 - 30.00 mg/L	*	*	*	*	*	*	2244100
Phosphorus, Reactive	Molybdovanadate	8114	0.3 - 45.0 mg/L	*	*	*	*	*	*	2076032
Phosphorus, Reactive (AccuVac)	Molybdovanadate	8114	0.3 - 45.0 mg/L	*	*	*	*	*	*	2525025
Phosphorus, Reactive (Test 'N Tube), HR	Molybdovanadate	8114	1.0 - 100.0 mg/L	*	*	*	*	*	*	2767345
Phosphorus, Reactive (Pour-Thru Cell), HR	Molybdovanadate Rapid Liquid	8114	0.3 - 45.0 mg/L	*	*	*	*	*	*	2076049
Phosphorus, Reactive (Pour-Thru Cell), LR	• Ascorbic Acid Rapid Liquid	10055	19 - 3000 µg/L	*	*	*	*	*	*	2678600
Phosphorus, Reactive (TNTplus)	Molybdovanadate	10214	5.0 - 90.0 mg/L	*	*	*	*	*	*	TNT846
Phosphorus, Acid Hydrolyzable (Test 'N Tube)	PhosVer 3 with Acid Hydrolysis	8180	0.06 - 3.50 mg/L	*	*	*	*	*	*	2742645
Phosphorus, Total (Test 'N Tube)	• PhosVer 3 with Acid Persulfate Digestion	8190	0.06 - 3.50 mg/L	*	*	*	*	*	*	2742645
Phosphorus, Total (Test 'N Tube), HR	Molybdovanadate with Acid Persulfate Digestion	10127	1.0 - 100.0 mg/L	*	*	*	*	*	*	2767245
Phosphorus, Reactive and Total (TNTplus), LR	• Ascorbic Acid	10209 10210	0.15 - 4.50 mg/L	*	*	*	*	*	*	TNT843
Phosphorus, Reactive and Total (TNTplus), HR	• Ascorbic Acid	10209 10210	1.5 - 15.0 mg/L	*	*	*	*	*	*	TNT844
Phosphorus, Reactive and Total (TNTplus), UHR	• Ascorbic Acid	10209 10210	6 - 60 mg/L	*	*	*	*	*	*	TNT845
Potassium	Tetraphenylborate	8049	0.1 - 7.0 mg/L	*	*	*	*	*	*	2459100
Quaternary Ammonium Compounds	Direct Binary Complex	8337	0.2 - 5.0 mg/L	*	*	*	*	*	*	2459200
Selenium	Diaminobenzidine	8194	0.01 - 1.00 mg/L	*	*	*	*	*	*	2244200
Silica (Pour-Thru Cell), ULR	Heteropoly Blue	8282	3 - 1000 µg/L	*	*	*	*	*	*	2553500
Silica (Pour-Thru Cell), ULR	Heteropoly Blue Rapid Liquid	8282	3 - 1000 µg/L	*	*	*	*	*	*	2678500
Silica, LR	Heteropoly Blue	8186	0.010 - 1.600 mg/L	*	*	*	*	*	*	2459300
Silica, HR	Silicomolybdate	8185	1 - 100 mg/L	*	*	*	*	*	*	2429600
Silver	Colorimetric	8120	0.02 - 0.70 mg/L	*	*	*	*	*	*	2296600
Sulfate	• SulfaVer 4	8051	2 - 70 mg/L	*	*	*	*	*	*	2106769
Sulfate (AccuVac)	• SulfaVer 4	8051	2 - 70 mg/L	*	*	*	*	*	*	2509025
Sulfate (TNTplus), LR	Turbidimetric	10227	40 - 150 mg/L	*	*	*	*	*	*	TNT864
Sulfate (TNTplus), HR	Turbidimetric	10227	150 - 900 mg/L	*	*	*	*	*	*	TNT865
Sulfide	• Methylene Blue	8131	5 - 800 µg/L	*	*	*	*	*	*	2244500
Sulfite (Europe only)	Colorimetric		0.10 - 5.00 mg/L	*	*	*	*	*	*	—
Surfactants (See Detergents)				*	*	*	*	*	*	—
Suspended Solids	Photometric	8006	5 - 750 mg/L	*	*	*	*	*	*	—
Tannin & Lignin	Tyrosine	8193	0.1 - 9.0 mg/L	*	*	*	*	*	*	2244600
TOC (Total Organic Carbon), LR	Direct Method	10129	0.3 - 20.0 mg/L	*	*	*	*	*	*	2760345
TOC (Total Organic Carbon), MR	Direct Method	10173	15 - 150 mg/L	*	*	*	*	*	*	2815945
TOC (Total Organic Carbon), HR	Direct Method	10128	100 - 700 mg/L	*	*	*	*	*	*	2760445
Tolytriazole	UV Photolysis	8079	1.0 - 20.0 mg/L	*	*	*	*	*	*	2141299
Toxicity	ToxTrak	10017	0 - 100 % inhibition	*	*	*	*	*	*	2597200
TPH in Soil ¹	Immunoassay	10050	2 - 20 ppm, threshold	*	*	*	*	*	*	2774300
TPH in Water	Immunoassay	10050	2 - 20 ppm, threshold	*	*	*	*	*	*	2774300
Trihalomethanes (THM)	THM Plus	10132	10 - 600 µg/L	*	*	*	*	*	*	2790800
Trihalomethane Formation Potential (THMFP)	THM Plus	10224	10 - 600 µg/L	*	*	*	*	*	*	2790800
Volatile Acids	Esterification	8196	27 - 2800 mg/L	*	*	*	*	*	*	2244700
Volatile Acids (TNTplus)	Esterification	10240	50 - 2500 mg/L	*	*	*	*	*	*	TNT872
Zinc	• Zincon	8009	0.01 - 3.00 mg/L	*	*	*	*	*	*	2429300

¹Requires Soil Extraction Kit. Please order Prod. No. 2775100. (Included with Pocket Colorimeter II).

For more information or to place an order, call 800-227-4224 or visit: www.hach.com

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